

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT MAILED 4/4/2006
"Method for Repairing Defects in Metallic Substrate Using Welding"
Serial No. 10/772,701
Examiner: Kevin P. Kerns
Atty. Docket No. 020627.035
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Please replace the paragraph at page 20, lines 1-8 of the specification with the following paragraph:

After obtaining the desired predetermined level of cooling, the first electrode **410** and the
5 second electrode **420** are removed from contact with the consumable filler slug **300** and
the repair is complete, as seen in FIG. 12. Alternative embodiments may include
additional steps such as a step of removing excess consumable filler slug **300** material
with a material processing device **800**, such as a grinder, so that the surface **710** of the
repaired defect **700** is substantially consistent with the level of the adjoining substrate
10 **100** surface, illustrated in FIG. 13. Removal of excess consumable filler slug **300** material
is often desired as it may serve as an indicator that the entire defect **200** has been
repaired.

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